

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,222,144 B2
APPLICATION NO. : 10/693973
DATED : May 22, 2007
INVENTOR(S) : Naoyuki Aikawa et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 6, line 28, delete "as" and insert -- a_i --, therefor.

Col. 7, line 22, delete "as" and insert -- a_i --, therefor.

Col. 9, line 38 (approximate), delete " $a'_{0,k}$ " and insert -- $a_{0,k}$ --

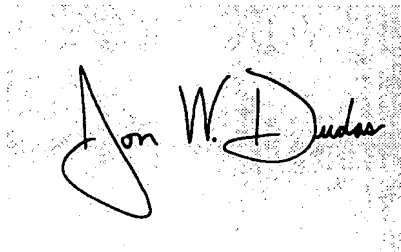
Col. 10, line 46 (approximate), after "relationship" delete "(").

Col. 10, line 61 (approximate), delete " $\omega_s = 0.27\pi$ " and insert -- $\omega_s = 0.2\pi$ --, therefor.

Col. 12, line 61, delete " $\{a_k\}$ " and insert -- $\{a_{i,k}\}$ --, therefore.

Signed and Sealed this

Twenty-first Day of August, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is written in a cursive style with a large, stylized "J" and "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office